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# Improvement of the South China Sea Prediction System Using NSCAT Winds / Research Project Outline

Chu, Peter C.

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# Improvement of the South China Sea Prediction System Using NSCAT Winds

PI: Peter C. Chu ([pcchu@nps.edu](mailto:pcchu@nps.edu)), Sponsor: NASA/JPL  
1997-1999, Funding Level: **\$145,328**



## Brief Description

To use the NASA's scatterometer winds for improvement of the ocean prediction sayatems

## NPS Thesis

Veneziano, Joseph, "[Hurricane Effects on the South China Sea Thermal Structure](#)" MS in METOC, March 1998

## Selected Publications

- (1) Chu, P.C., S.H. Lu, and Y. Chen, 1997: Temporal and spatial variabilities of the South China Sea surface temperature anomaly. [Journal of Geophysical Research](#), **102**, 20937-20955 ([paper download](#)).
- (2) Chu, P.C., H.C. Tseng, C.P. Chang, and J.M. Chen, 1997: South China Sea warm pool detected from the Navy's Master Oceanographic Observational Data Set (MOODS). [Journal of Geophysical Research](#), **102**, 15761-15771 ([paper download](#)).
- (3) Chu, P.C., S.H. Lu, and W.T. Liu, 1999: Uncertainty of the South China Sea prediction using NSCAT and NCEP winds during tropical storm Ernie 1996. [Journal of Geophysical Research](#), **104**, 11273-11289 ([paper download](#)).